

Title (en)

STEREOLITHOGRAPHY DEVICE WITH CARTRIDGE DEVICE

Title (de)

STEREOLITHOGRAFIEVORRICHTUNG MIT EINER KARTUSCHENVORRICHTUNG

Title (fr)

DISPOSITIF DE STÉRÉOLITHOGRAPHIE POURVU D'UN DISPOSITIF DE CARTOUCHE

Publication

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Application

EP 20168709 A 20161110

Priority

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- AT 2016060104 W 20161110

Abstract (en)

[origin: WO2017079774A2] In a stereolithography apparatus (1), a three-dimensional object (2) is created by curing a photosensitive substance (3) under the effect of a specific radiation, said apparatus comprising a support device, a radiation source (8) for generating the radiation, and a cartridge device (10) that can be placed on the support device and be removed therefrom. The cartridge device (10) has an interior enclosed by a shell (14) which can be deformed and is permeable at least in part to the radiation initiating the curing process. The interior (140) enclosed by the shell has a volume with a receiving chamber (4) which contains photosensitive substance (3) for at least the duration of a radiation and curing process and is accessible to the radiation.

IPC 8 full level

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